

WHAT IS CLAIMED IS:

1.           An electronic equipment provided with a liquid-cooling system, in which heat generated by a heat generating portion is transmitted to a heat radiating portion with a liquid as a medium to achieve cooling, and an air-cooling system, in which heat transmitted to the heat radiating portion is forcedly cooled, the electronic equipment comprising
  - a pump that circulates the liquid between the heat generating portion and the heat radiating portion,
  - a fan that forcedly discharges heat of the heat radiating portion to an outside,
  - a temperature sensor that detects temperature of the heat generating portion,
  - storage information that beforehand prescribes the relationship between temperature of the heat generating portion and voltages of the pump and the fan, and
  - a control device for determining and controlling voltages of the pump and the fan on the basis of temperature detected by the temperature sensor and the storage information.
2.           The electronic equipment according to claim 1, wherein the pump and the fan are operated at predetermined voltages when a load on the electronic equipment is small,
  - a cooling capacity is increased by raising a pump voltage without changing a fan voltage when

temperature detected by the temperature sensor exceeds a first temperature, and

the cooling capacity is further increased by raising a fan voltage when temperature detected by the temperature sensor exceeds a second temperature higher than the first temperature.

3. The electronic equipment according to claim 2, wherein the second temperature is a critical temperature achieved by the cooling capacity with only the pump.

4. The electronic equipment according to claim 1, 2, or 3, wherein when temperature of the heat generating portion cannot be detected by the temperature sensor, control is performed by determining voltages identical to voltages of the pump and the fan when temperature of the heat generating portion is highest.

5. A control method in an electronic equipment provided with a liquid-cooling system, in which heat generated in a heat generating portion is transmitted to a heat radiating portion with a liquid as a medium to achieve cooling, and an air-cooling system, in which heat transmitted to the heat radiating portion is forcibly cooled, the control method comprising the steps of:

providing a pump that circulates the liquid between the heat generating portion and the heat radiating portion, and providing a fan that forcibly

discharges heat of the heat radiating portion to an outside,

mounting a temperature sensor that detects temperature of the heat generating portion,

providing storage information that beforehand prescribes the relationship between temperature of the heat generating portion and voltages of the pump and the fan,

operating the pump and the fan at predetermined voltages when a load on the electronic equipment is small,

increasing a cooling capacity by raising a pump voltage without changing a fan voltage when temperature detected by the temperature sensor exceeds a first temperature, and

further increasing the cooling capacity by raising a fan voltage when temperature detected by the temperature sensor exceeds a second temperature higher than the first temperature.